

Title (en)

SEPARATION PROCESS FOR CATALYST FINES, OF A HYDROCARBON CHARGE, BY FILTRATION THROUGH MINERAL BARRIERS AND A FILTRATION LOOP

Publication

EP 0216711 B1 19891018 (FR)

Application

EP 86402101 A 19860924

Priority

FR 8514193 A 19850925

Abstract (en)

[origin: EP0216711A1] 1. A process for the separation of fine particles of catalyst from a hydrocarbonic charge leaving a catalytic cracking unit (11), characterised in that said charge is filtered through mineral microfiltration barriers (1) formed by a heat-resistant carbon support which, on the side of the charge to be filtered, is coated with a sensitive layer of metal oxide(s) having a porosity of between 1 and 100 μ m.

IPC 1-7

B01D 13/00; **B01D 29/30**; **C10G 31/09**

IPC 8 full level

B01J 38/00 (2006.01); **B01D 29/00** (2006.01); **B01D 29/37** (2006.01); **B01D 36/00** (2006.01); **B01D 61/14** (2006.01); **B01D 63/06** (2006.01); **C10G 11/02** (2006.01); **C10G 31/09** (2006.01)

CPC (source: EP US)

B01D 61/147 (2013.01 - EP US); **B01D 63/063** (2013.01 - EP US)

Cited by

US5919721A; US5628916A; GB2269114A; ES2072210A2; GB2269114B; US5690836A; WO9306917A1; WO2020069959A1

Designated contracting state (EPC)

AT BE DE GB IT NL

DOCDB simple family (publication)

EP 0216711 A1 19870401; **EP 0216711 B1 19891018**; AT E47329 T1 19891115; DE 3666356 D1 19891123; FR 2587629 A1 19870327; FR 2587629 B1 19930716; JP H0816227 B2 19960221; JP S63122788 A 19880526; US 5074989 A 19911224

DOCDB simple family (application)

EP 86402101 A 19860924; AT 86402101 T 19860924; DE 3666356 T 19860924; FR 8514193 A 19850925; JP 26056586 A 19861031; US 63975691 A 19910111